

Measurement of Length

A. Choose the correct answer:

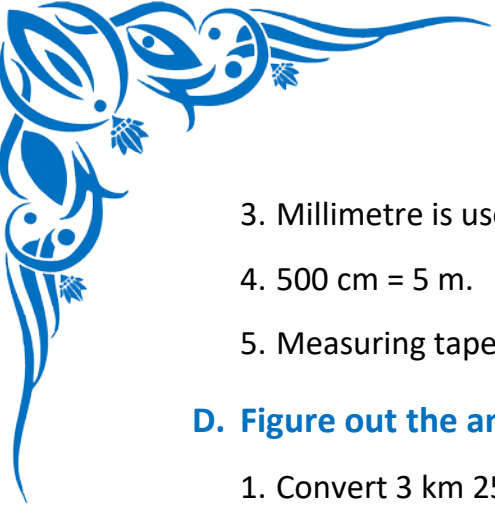
1. Which of the following is the longest unit of length?
a) Millimetre b) Centimetre
c) Metre d) Kilometre
2. How many centimetres are there in 1 metre?
a) 10 b) 100
c) 1000 d) 10000
3. Which of the following is the best unit to measure the length of a pencil?
a) Kilometre b) Metre
c) Centimetre d) Millimetre
4. What is the correct conversion of 5 km in metres?
a) 50 m b) 500 m
c) 5000 m d) 50000 m
5. Which instrument is usually used to measure small lengths accurately?
a) Thermometer b) Ruler
c) Compass d) Weighing scale

B. Write the Missing Terms to Complete the Sentences:

1. 1 kilometre = _____ metres.
2. 100 centimetres = _____ metre.
3. The length of a cricket pitch is 22 _____.
4. A tailor uses a _____ tape to measure cloth.
5. The standard unit of length in the metric system is _____.

C. Mark each sentence with a True (✓) or False (X):

1. 1 m = 10 cm. _____
2. A kilometre is smaller than a metre. _____



3. Millimetre is used to measure very small lengths. _____

4. $500\text{ cm} = 5\text{ m}$. _____

5. Measuring tape is used only by doctors. _____

D. Figure out the answers to these questions:

1. Convert 3 km 250 m into metres.

2. Arrange the following in ascending order 2 m 150 cm 1.5 m 1000 mm.

3. Rohan walks 2 km every day How much distance will he walk in a week.

4. A wire is 4 m long If it is cut into 8 equal parts what is the length of each part.

5. A rope is 7 m long A part of 2 m 75 cm is cut from it What is the length of the remaining rope.

E. Challenge yourself with these questions:

1. Find the total length of a table chair and bench if they measure 1.2 m 0.75 m and 1.5 m respectively.

2. Why is it important to convert all units into the same unit before comparing?

3. Which unit will you use to measure the height of a building Explain why?

4. Draw a line of length 4.5 cm using a ruler.

5. A train covers 3 km 800 m in 1 minute How much does it cover in 5 minutes.